



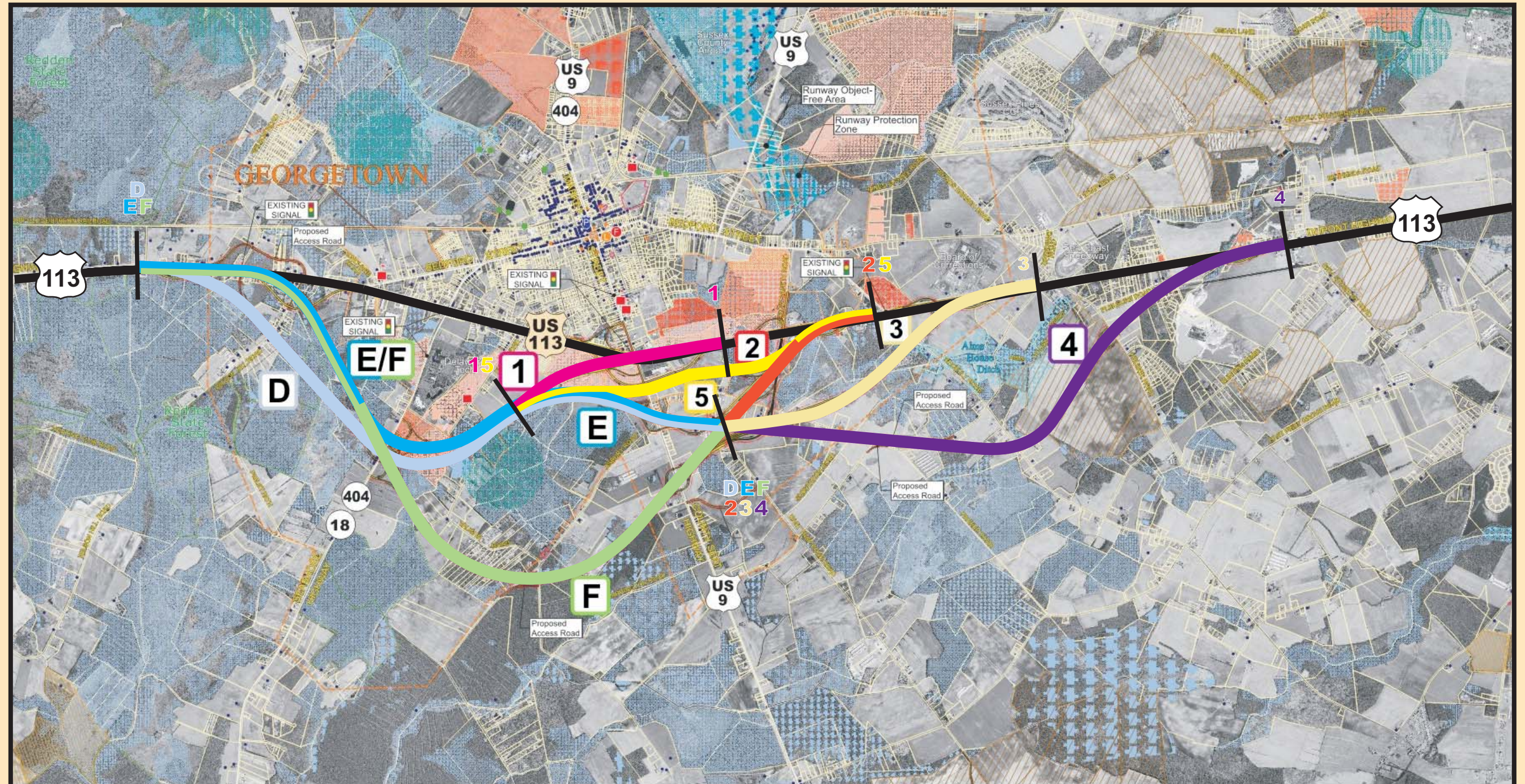
ALTERNATIVES / IMPACTS / WORKING GROUP RECOMMENDATIONS

113

US 113 North / South Study

May / June 2005

Georgetown Area - Preliminary West Bypass Alternatives





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Description of Alternatives

- All western bypasses begin in the vicinity of Wilson Road.
- Alternatives D and E remain close to existing US 113.
- Alternative F swings to the west to avoid a forested wetland area.
- Alternatives 1 through 4 tie into US 113 progressing south from US 9 to the Stockley Road area. Alternative 5 is a variation of Alternative 2.
- Public opinions:
 - Some public/working group support.
 - Support hinges on ability of alternatives to carry east-west traffic and traffic from west SR 18/SR 404 to south US 113.

Working Group Recommendations

WEST ALTERNATIVES

- There was consensus among the Working Group members to recommend to DeIDOT that Alternatives D and 1 NOT be retained for further consideration.
- There was consensus among the Working Group members to recommend to DeIDOT that Alternatives E2, E3, E4, E5, F2, F3 and F4 be retained for detailed study.

Western Bypass Conclusions

- All western bypasses appear to be effective in reducing traffic on major routes in Georgetown.
- All have substantial resource impacts.
- Although Alternatives D and E provide similar benefits, Alternative D has nearly twice the wetland impacts and impacts Redden State Forest. Other impacts are similar.
- Alternative F is longer than Alternatives D and E and will carry slightly less traffic.
- Alternative 1 has less benefit to east-west routes than Alternatives 2 through 5.
- Alternative 4 is longest, impacts the most forest land, impacts an agricultural district, and may impact a National Register listed historic property. (Alternative 3 also passes close to that property.)



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Georgetown Area - Impact Comparison of Preliminary West Bypass Alternatives Engineering

		West Bypass Alternatives													
Considerations	No Build Alternative	D 1	D 2	D 3	D 4	D 5	E 1	E 2	E 3	E 4	E 5	F 2	F 3	F 4	
Existing US 113 length (miles)	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	
Proposed US 113 off-alignment length (miles)	0.0	3.9	5.3	6.3	8.0	5.2	3.6	5.1	6.0	7.7	5.0	5.8	6.6	8.4	
Total length of alternative (miles)	9.0	9.6	9.8	9.8	10.0	9.7	9.6	9.8	9.8	10.0	9.7	10.5	10.5	10.7	
Existing US 113 converted to service roads (miles)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Property Impacts															
Properties affected (numbers of)	0	192	178	177	182	164	225	210	209	215	197	215	213	218	
Properties affected (total acres)	0	292	327	355	405	309	310	344	377	424	332	376	405	454	
Access Rights															
Denial of Access (numbers of affected properties)	0	37	26	23	17	26	38	27	24	22	27	26	25	17	
Residential		14	14	14	8	14	15	15	15	13	15	14	14	8	
Agricultural		3	3	0	0	3	3	3	0	0	3	3	0	0	
Commercial		20	9	9	9	9	20	9	9	9	9	9	11	9	
Industrial		0	0	0	0	0	0	0	0	0	0	0	0	0	
Modified Access (numbers of affected properties)	0	80	79	59	36	79	79	78	58	37	78	81	59	40	
Residential		45	45	38	24	45	44	44	37	23	44	45	38	24	
Agricultural		27	18	15	9	18	27	18	15	11	18	18	15	11	
Commercial		5	13	4	2	13	5	13	4	2	13	15	4	4	
Industrial		3	3	2	1	3	3	3	2	1	3	3	2	1	



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Georgetown Area - Impact Comparison of Preliminary West Bypass Alternatives Environmental

		West Bypass Alternatives													
Considerations	No Build Alternative	D 1	D 2	D 3	D 4	D 5	E 1	E 2	E 3	E 4	E 5	F 2	F 3	F 4	
Wetlands and Waters of the US															
Wetlands (acres)	0	94	98	96	92	101	61	65	63	59	70	61	62	56	
Waters of the US (linear feet)	0	14,800	14,200	14,400	12,600	13,600	18,300	17,700	18,000	16,200	17,800	19,700	19,700	18,500	
Historic and Archeological Resources															
Number of Known Historic Buildings, Structures, Objects, and Districts	0	0	0	0	1	0	0	0	0	1	0	0	0	1	
Number of Known Archeological Sites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Number of Potentially Historic Buildings, Structures, Objects, and Districts - currently being evaluated	0	38	38	40	36	38	45	67	47	33	67	43	38	40	
Number of Potentially Significant Archeological Sites - currently being evaluated	0	16	16	16	17	16	17	23	17	18	23	17	16	18	
Number of Cemeteries	0	3	3	3	2	3	3	4	3	2	4	3	3	2	
Section 4(f) Properties															
Number of Publicly-Owned Parks and Recreation Areas	0	1	1	1	1	1	0	0	0	0	0	0	0	0	
Number of Publicly-Owned Wildlife and Waterfowl Refuges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Number of Historic Properties - same as number of Known Historic Buildings, Structures, Objects and Districts (above)	0	0	0	0	1	0	0	0	0	1	0	0	0	1	
Section 6(f) Properties															
Properties purchased by Land & Water Conservation Fund (LWCF) (number)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Area (acres)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Rare, Threatened and Endangered Species															
Potential Rare, Threatened and Endangered Species Areas (acres)	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	
Other Considerations															
Agricultural Districts (Ten-Year) (number of properties)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
acres within properties	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Agricultural Preservation Easements (Permanent) (number of properties)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
acres within properties	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forestland: 2002 Land Use (acres)	0	40	42	44	43	43	49	52	54	53	53	81	84	82	
State Forest Lands	0	7	7	7	7	7	0	0	0	0	0	0	0	0	